

INTERNATIONAL SEARCH REPORT

International Application No
PCT/GB2004/000465

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F02M57/00 F02M57/06 F02D41/14 G01L23/22 F02D35/02
F02P13/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F02M F02D G01L F02P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 34 43 022 A (DOLZER WALTER) 28 May 1986 (1986-05-28)	1,2,5-8
Y	page 4, line 36 -page 8, line 25; figures 1,2	3
Y	--- "ION-GAP SENSING FOR ENGINE CONTROL" AUTOMOTIVE ENGINEERING, SOCIETY OF AUTOMOTIVE ENGINEERS. WARRENDALE, US, vol. 103, no. 9, 1 September 1995 (1995-09-01), pages 65-68, XP000526648 ISSN: 0098-2571 the whole document	3
X	--- US 5 834 629 A (HAMMARBERG GOERAN) 10 November 1998 (1998-11-10) column 1, line 62 -column 3, line 10; figures	1,5-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
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Date of the actual completion of the international search

5 May 2004

Date of mailing of the international search report

13/05/2004

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A	WO 02/33245 A (HARKER RACHEL PATIENCE GROVES ;DYE ANTHONY O (GB); MORSER HAROLD () 25 April 2002 (2002-04-25) cited in the application abstract ---	1-9
A	WO 96/05419 A (MECEL AB ;NYTOMT JAN (SE); JOHANSSON HANS ARNE VALENTIN (SE)) 22 February 1996 (1996-02-22) page 3, line 1 -page 5, line 34; figures ---	1-9
A	US 2002/087256 A1 (DIXON JON ET AL) 4 July 2002 (2002-07-04) page 1, paragraph 13 -page 2, paragraph 15; figure 2 -----	8

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